

# Draft

## WATER QUALITY CERTIFICATE

**Certificate No:** 200902915-MG

**Municipality:** Town of Groton

**Work Area:** Thames River located off property located at Pier #31

**Certificate Holder:** Department of the Navy  
Naval Submarine Base New London  
c/o Richard Conant  
PW Environmental Division, B-439, Room 104  
Box 400  
Route 12  
Groton, CT 06349

Pursuant to section 401 of the Federal Clean Water Act, as amended; Section 307 of the Federal Coastal Zone Management Act and volume 15 of the Code of Federal Regulations, Part 930, Federal Consistency with Approved Coastal Management Programs; and in accordance with section 22a-98 of the Connecticut General Statutes ("CGS"), and the Connecticut Water Quality Standards dated December 2002, a water quality certificate ("certificate") and federal coastal zone management consistency concurrence are hereby granted by the Commissioner of Environmental Protection ("Commissioner") to remove an existing timber pier and construct a new pier as is more specifically described below in the SCOPE OF AUTHORIZATION, in the Thames River off property identified as the "work area" above.

### **\*\*\*\*\*NOTICE TO CERTIFICATE HOLDERS AND CONTRACTORS\*\*\*\*\***

**FAILURE TO CONFORM TO THE TERMS AND CONDITIONS OF THIS CERTIFICATE MAY SUBJECT THE CERTIFICATE HOLDERS AND ANY CONTRACTOR TO ENFORCEMENT ACTIONS, INCLUDING PENALTIES AND INJUNCTIONS, AS PROVIDED BY LAW.**

### **SCOPE OF AUTHORIZATION**

The Certificate Holder is hereby authorized to conduct the following work as described in Water Quality Certificate #200902915-MG including fourteen (14) sheets of plans, Sheets G-001, G-003, G-004, C-101, SD101, SD102, SD301, SD302, S-005, S-101, S-102, S-103 dated May 1, 2008, a plan entitled "PIER 31 REPLACEMENT TRESTLE LAYOUT FOR PIER 31 CONSTRUCTION" dated July 30, 2009 and an undated plan entitled "PIER 31 TRESTLE ELEVATION VIEW," submitted by the Certificate Holder to the Commissioner and attached hereto:

1. construct a 30' wide by 540' long temporary pile-supported trestle with six (6) associated finger piers;

2. remove an existing 375' long timber-fender concrete pier supported by piles, steel sheetpile and associated utilities, including electrical conduits, sanitary lines and potable water and an existing quay wall;
3. using a "raking dredge bucket," remove associated in-water post demolition debris;
4. construct a new 69' wide by 532' long concrete pile-supported pier with an associated fender system and utilities as shown on the plans attached hereto; and
5. remove the temporary trestle and piles identified above.

**UPON INITIATION OF ANY WORK AUTHORIZED HEREIN, THE CERTIFICATE HOLDER ACCEPTS AND AGREES TO COMPLY WITH ALL TERMS AND CONDITIONS OF THIS CERTIFICATE.**

**SPECIAL TERMS AND CONDITIONS**

1. Except as specifically authorized by this permit, no equipment or material including but not limited to, fill, construction materials, excavated material or debris, shall be deposited, placed or stored in any wetland or watercourse on or off-site, nor shall any wetland or watercourse be used as a staging area or accessway other than as provided herein.
2. The Certificate Holder shall ensure that all work authorized herein shall be conducted by a water-based barge and shall not allow the barge to rest on the bottom. It shall not be a defense to this provision for the Certificate Holder to assert that it has no control over the operation of the barge.
3. In undertaking the work authorized herein, the Certificate Holder shall not cause or allow pollution of tidal wetlands or watercourses, including pollution resulting from sedimentation and erosion. For purposes of this permit, "pollution" means "pollution" as that term is defined by section 22a-423 of the General Statutes.
4. All waste material generated by the performance of the work authorized herein shall be disposed of by the Certificate Holder at an upland site approved for the disposal of such waste material, as applicable.
5. Not later than two (2) weeks prior to the commencement of any work authorized herein, the Certificate Holder shall submit to the Commissioner, on the form attached hereto as Appendix A, the name(s) and address(es) of any contractor(s) employed to conduct such work and the expected date for commencement and completion of such work.
6. On or before (a) ninety (90) days after completion of the work authorized herein, or (b) upon expiration of the work completion date or any authorized one-year extension thereof, whichever is earlier, the Certificate Holder shall submit to the Commissioner "as-built" plans of the work area showing all contours, bathymetries, tidal datums and structures.

**GENERAL TERMS AND CONDITIONS**

1. All work authorized by this certificate shall be completed within five (5) years from date of issuance of this certificate ("work completion date"), except that maintenance as specified in the SCOPE OF AUTHORIZATION may be conducted at any time, in accordance with all conditions of this certificate and any other applicable law.
2. The Certificate Holder may request a one-year extension of the work completion date. Such request shall be in writing and shall be submitted to the Commissioner at least thirty (30) days prior to said work completion date. Such request shall describe the work done to date, work which still needs to be completed and the reason for such extension. The Commissioner shall grant or deny such request in her sole discretion.
3. Any work authorized herein conducted after said work completion date or any authorized one-year extension thereof is a violation of this certificate and may subject the Certificate Holder to enforcement action, including penalties, as provided by law.
4. In conducting the work authorized herein, the Certificate Holder shall not deviate from the attached plans, as may be modified by this certificate. The Certificate Holder shall not make de minimis changes from said plans without prior written approval of the Commissioner.
5. Prior to the commencement of any work authorized hereunder, the Certificate Holder shall cause a copy of this certificate to be given to any contractor(s) employed to conduct such work. At the work area, the Certificate Holder shall, whenever work is being performed, make available for inspection a copy of this certificate and the final plans for the work authorized herein.
6. The Certificate Holder shall notify the Commissioner in writing of the commencement of any work and completion of all work authorized herein no later than three (3) days prior to the commencement of such work and no later than seven (7) days after the completion of such work.
7. Upon completion of any work authorized herein, the Certificate Holder shall restore all areas impacted by construction, or used as a staging area or accessway in connection with such work, to their condition prior to the commencement of such work.
8. Any document required to be submitted to the Commissioner under this certificate or any contact required to be made with the Commissioner shall, unless otherwise specified in writing by the Commissioner, be directed to:

Permit Section  
Office of Long Island Sound Programs  
Department of Environmental Protection  
79 Elm Street  
Hartford, Connecticut 06106-5127

(860) 424-3034 Fax # (860) 424-4054

9. The date of submission to the Commissioner of any document required by this certificate shall be the date such document is received by the Commissioner. The date of any notice by the Commissioner under this certificate, including but not limited to notice of approval or disapproval of any document or other action, shall be the date such notice is personally delivered or the date three (3) days after it is mailed by the Commissioner, whichever is earlier. Except as otherwise specified in this certificate, the word "day" as used in this certificate means calendar day. Any document or action which is required by this certificate to be submitted or performed by a date which falls on a Saturday, Sunday or a Connecticut or federal holiday shall be submitted or performed on or before the next day which is not a Saturday, Sunday, or a Connecticut or federal holiday.
10. The work specified in the SCOPE OF AUTHORIZATION is authorized solely for the purpose set out in this certificate. No change in the purpose or use of the authorized work or facilities as set forth in this certificate may occur without the prior written authorization of the Commissioner. The Certificate Holder shall, prior to undertaking or allowing any change in use or purpose from that which is authorized by this certificate, request authorization from the Commissioner for such change. Said request shall be in writing and shall describe the proposed change and the reason for the change.
11. This certificate may be revoked, suspended, or modified in accordance with applicable law.
12. This certificate is not transferable without prior written authorization of the Commissioner. A request to transfer a certificate shall be submitted in writing and shall describe the proposed transfer and the reason for such transfer. The Certificate Holder's obligations under this certificate shall not be affected by the passage of title to the work area to any other person or municipality until such time as a transfer is authorized by the Commissioner.
13. The Certificate Holder shall allow any representative of the Commissioner to inspect the work authorized herein at reasonable times to ensure that it is being or has been accomplished in accordance with the terms and conditions of this certificate.
14. In granting this certificate, the Commissioner has relied on representations of the Certificate Holder, including information and data provided in support of the Certificate Holder's application. Neither the Certificate Holder's representations nor the issuance of this certificate shall constitute an assurance by the Commissioner as to the structural integrity, the engineering feasibility or the efficacy of such design.
15. In the event that the Certificate Holder became aware that they did not or may not comply, or did not or may not comply on time, with any provision of this certificate or of any document required hereunder, the Certificate Holder shall immediately notify the Commissioner and shall take all reasonable steps to ensure that any noncompliance or delay is avoided or, if unavoidable, is minimized to the greatest extent possible. In so notifying the Commissioner, the Certificate Holder shall state in writing the reasons for the noncompliance or delay and

propose, for the review and written approval of the Commissioner, dates by which compliance will be achieved, and the Certificate Holder shall comply with any dates which may be approved in writing by the Commissioner. Notification by the Certificate Holder shall not excuse noncompliance or delay and the Commissioner's approval of any compliance dates proposed shall not excuse noncompliance or delay unless specifically stated by the Commissioner in writing.

16. In evaluating the application for this certificate the Commissioner has relied on information and data provided by the Certificate Holder and on the Certificate Holder's representations concerning site conditions, design specifications and the proposed work authorized herein, including but not limited to representations concerning the commercial, public or private nature of the work or structures authorized herein, the water-dependency of said work or structures, its availability for access by the general public, and the ownership of regulated structures or filled areas. If such information proves to be false, deceptive, incomplete or inaccurate, this certificate may be modified, suspended or revoked, and any unauthorized activities may be subject to enforcement action.
17. The Certificate Holder may not conduct work waterward of the high tide line or in tidal wetlands at this certificate site other than the work authorized herein, unless otherwise authorized by the Commissioner pursuant to section 22a-359 et. seq. and/or section 22a-32 et. seq. of the CGS.
18. The issuance of this certificate does not relieve the Certificate Holder of their obligations to obtain any other approvals required by applicable federal, state and local law.
19. Any document, including but not limited to any notice, which is required to be submitted to the Commissioner under this certificate shall be signed by the Certificate Holder and by the individual or individuals responsible for actually preparing such document, each of whom shall certify in writing as follows: "I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statement made in this document or its attachments may be punishable as a criminal offense."
20. This certificate is subject to and does not derogate any present or future property rights or powers of the State of Connecticut, and conveys no property rights in real estate or material nor any exclusive privileges, and is further subject to any and all public and private rights and to any federal, state or local laws or regulations pertinent to the property or activity affected hereby.

Issued on \_\_\_\_\_, 2009.

STATE OF CONNECTICUT  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

\_\_\_\_\_  
**Amey W. Marrella**  
**Acting Commissioner**

**Certificate No. 200902915-MG, Groton**  
Department of the Navy

OFFICE OF LONG ISLAND SOUND PROGRAMS

APPENDIX A

**TO:** Permit Section  
Department of Environmental Protection  
Office of Long Island Sound Programs  
79 Elm Street  
Hartford, CT 06106-5127

**CERTIFICATE HOLDER:** Department of the Navy  
Naval Submarine Base New London  
c/o Richard Conant  
PW Environmental Division, B-439, Room 104  
Box 400  
Route 12  
Groton, CT 06349

**Certificate No:** 200902915-MG, Groton

**CONTRACTOR 1:**

Address:

Telephone #:

**CONTRACTOR 2:**

Address:

Telephone #:

**CONTRACTOR 3:**

Address:

Telephone #:

**EXPECTED DATE OF COMMENCEMENT OF WORK:** \_\_\_\_\_

**EXPECTED DATE OF COMPLETION OF WORK:** \_\_\_\_\_

**CERTIFICATE HOLDER:**

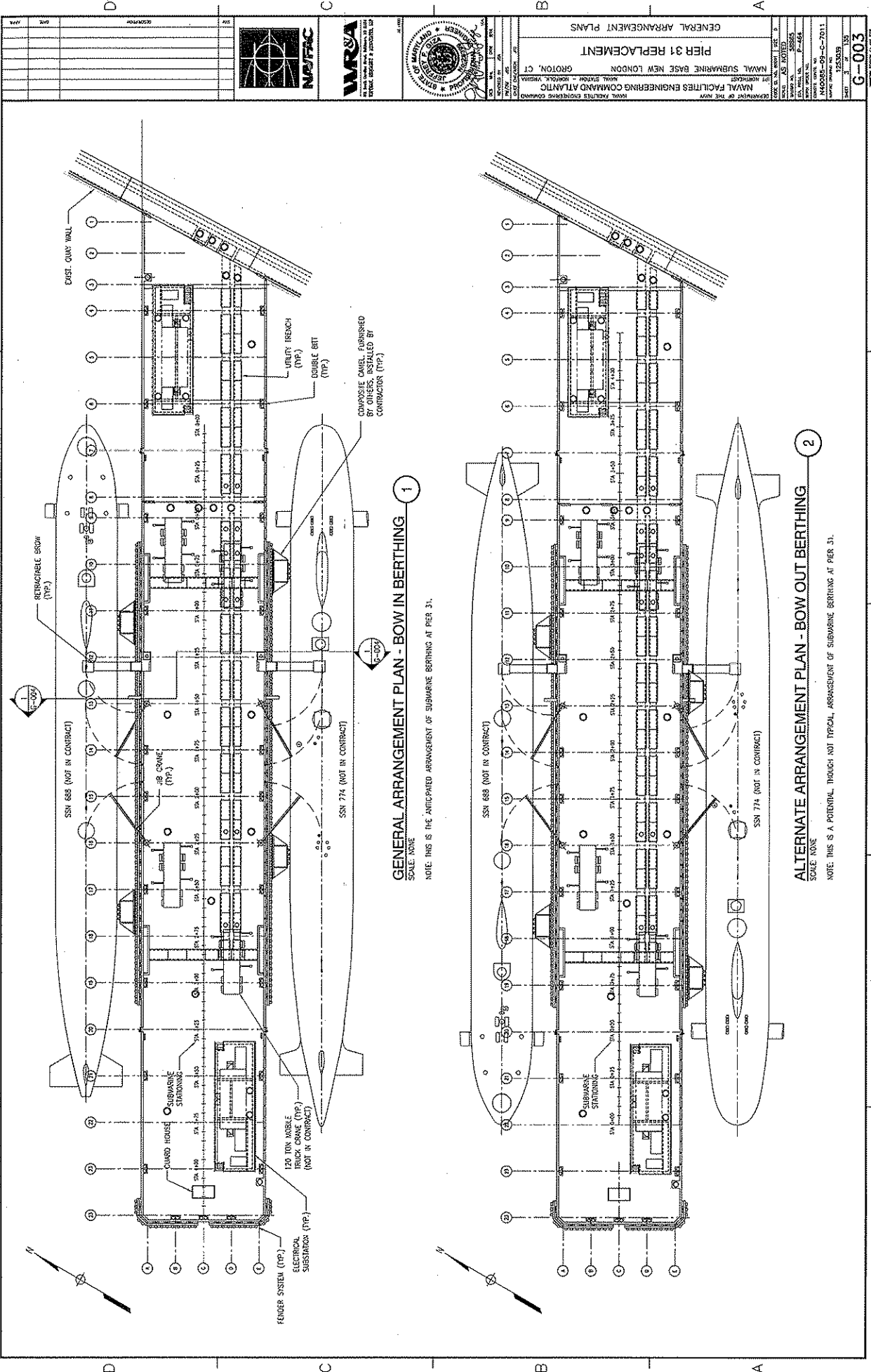
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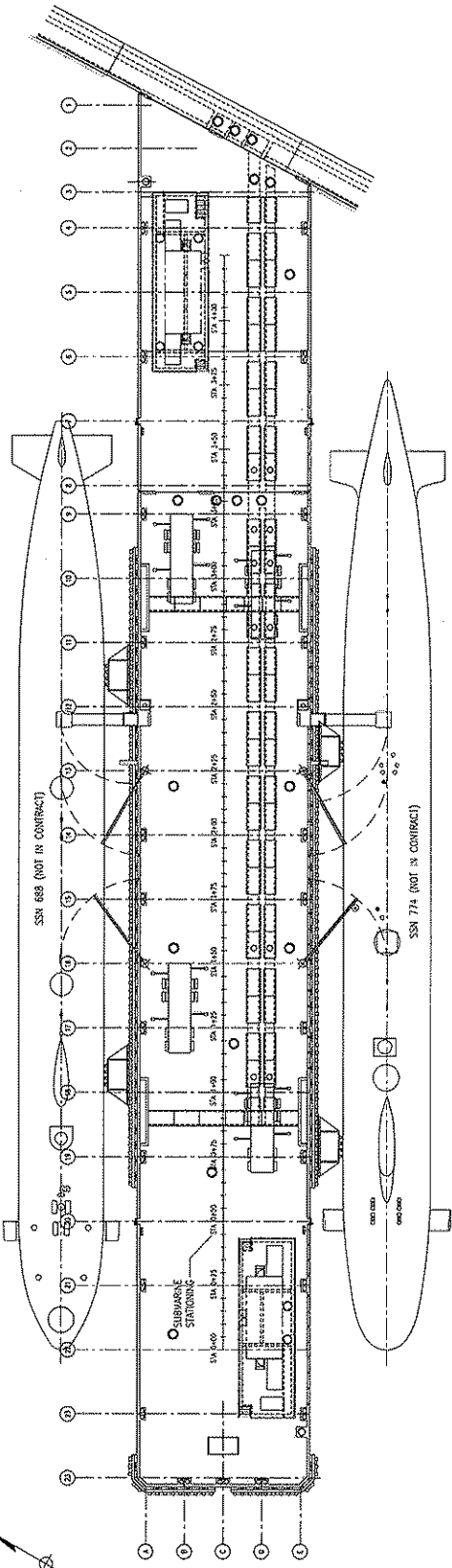






GENERAL ARRANGEMENT PLAN - BOW IN BERTHING 1

NOTE: THIS IS THE ANTICIPATED ARRANGEMENT OF SUBMARINE BERTHING AT PIER 31.  
SCALE: NONE



ALTERNATE ARRANGEMENT PLAN - BOW OUT BERTHING 2

NOTE: THIS IS A POTENTIAL, THOUGH NOT TYPICAL, ARRANGEMENT OF SUBMARINE BERTHING AT PIER 31.  
SCALE: NONE

GENERAL ARRANGEMENT PLANS

PIER 31 REPLACEMENT

NAVAL FACILITIES ENGINEERING COMMAND

NAVAL SUBMARINE BASE NEW LONDON

GROTON, CT

NAVAL FACILITIES ENGINEERING COMMAND

NAVAL SUBMARINE BASE NEW LONDON

GROTON, CT

NAVAL FACILITIES ENGINEERING COMMAND

NAVAL SUBMARINE BASE NEW LONDON

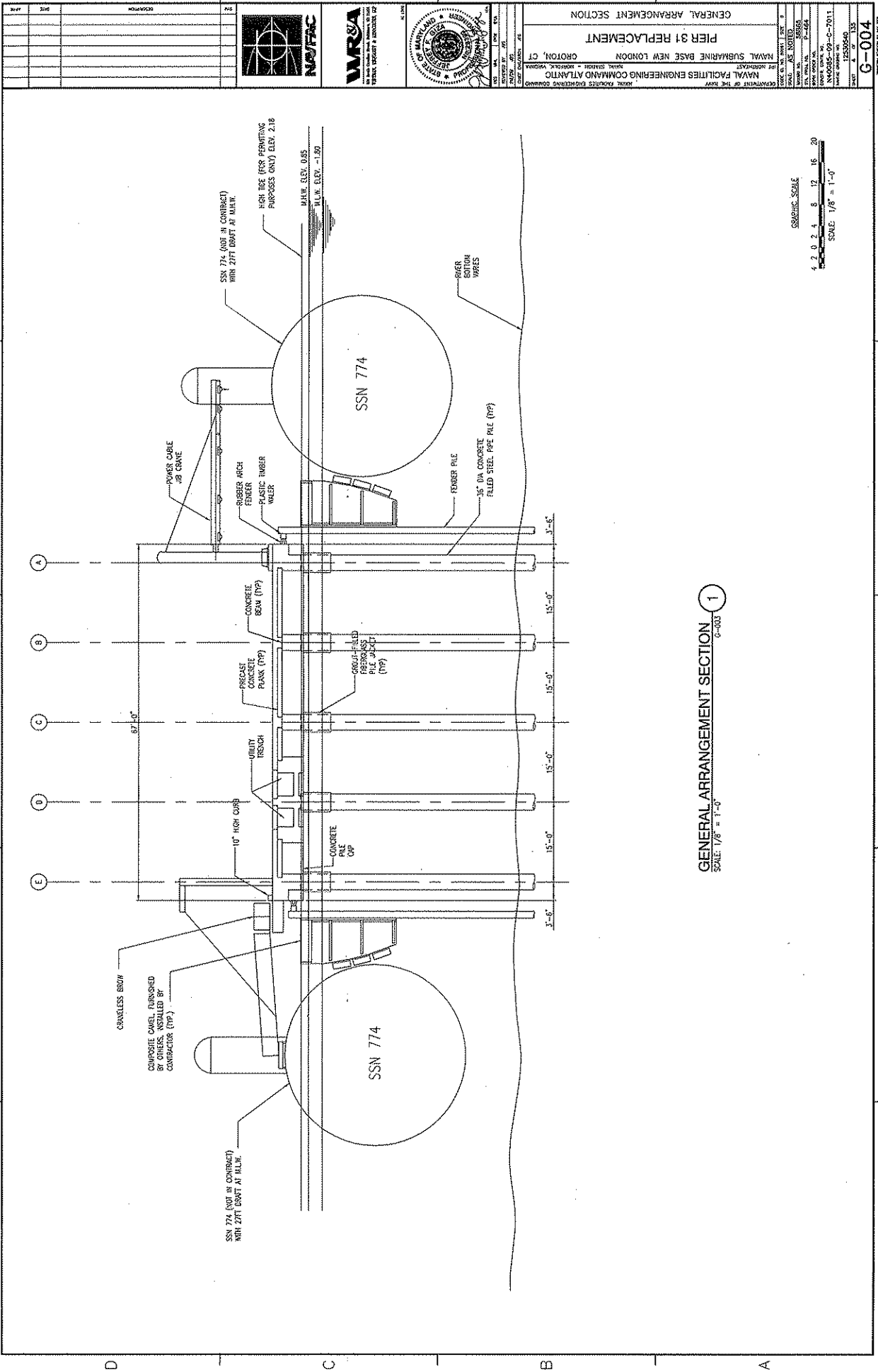
GROTON, CT

DATE: 12/25/83

BY: JES/MS

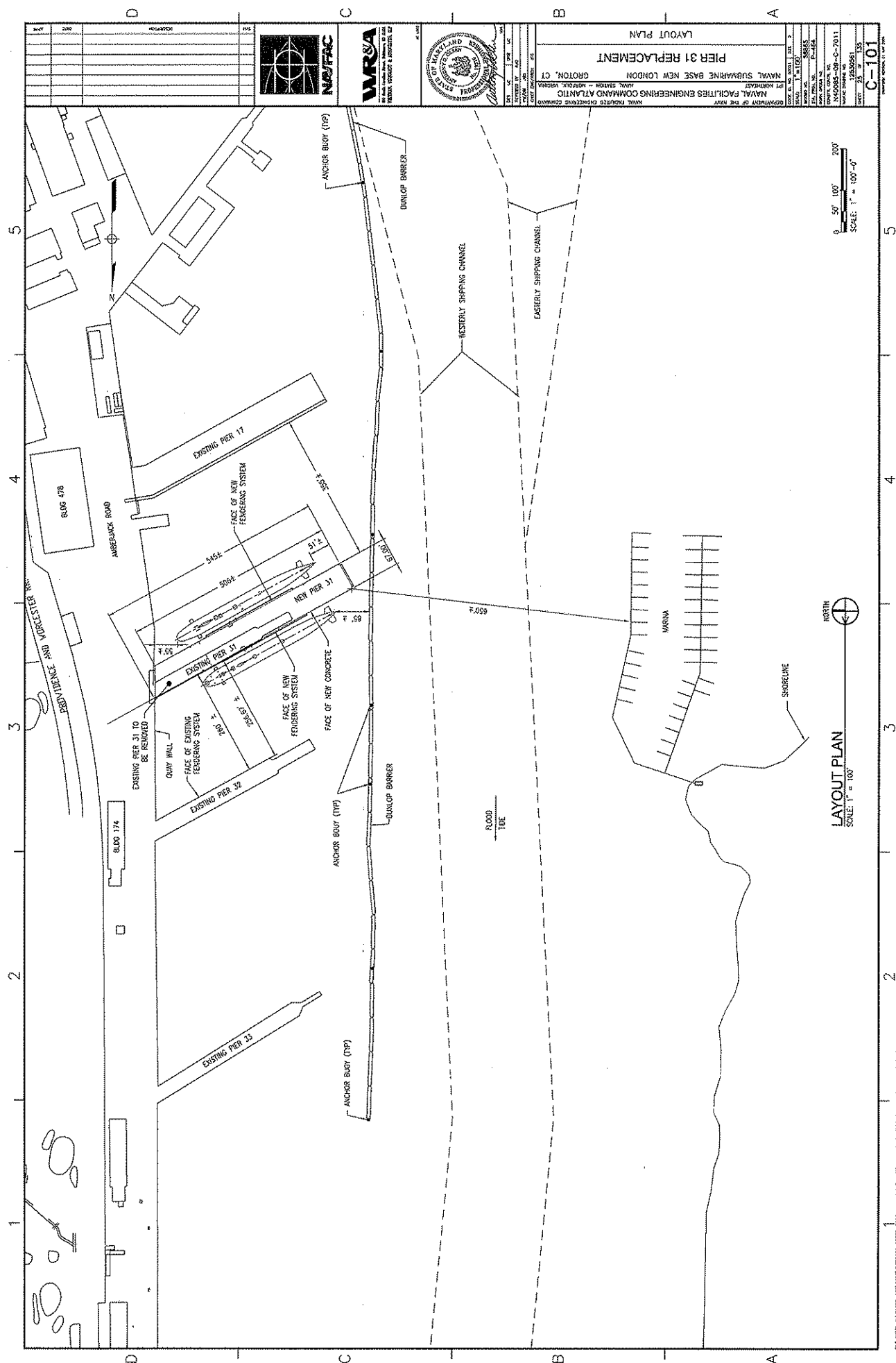
APP: 125/MS

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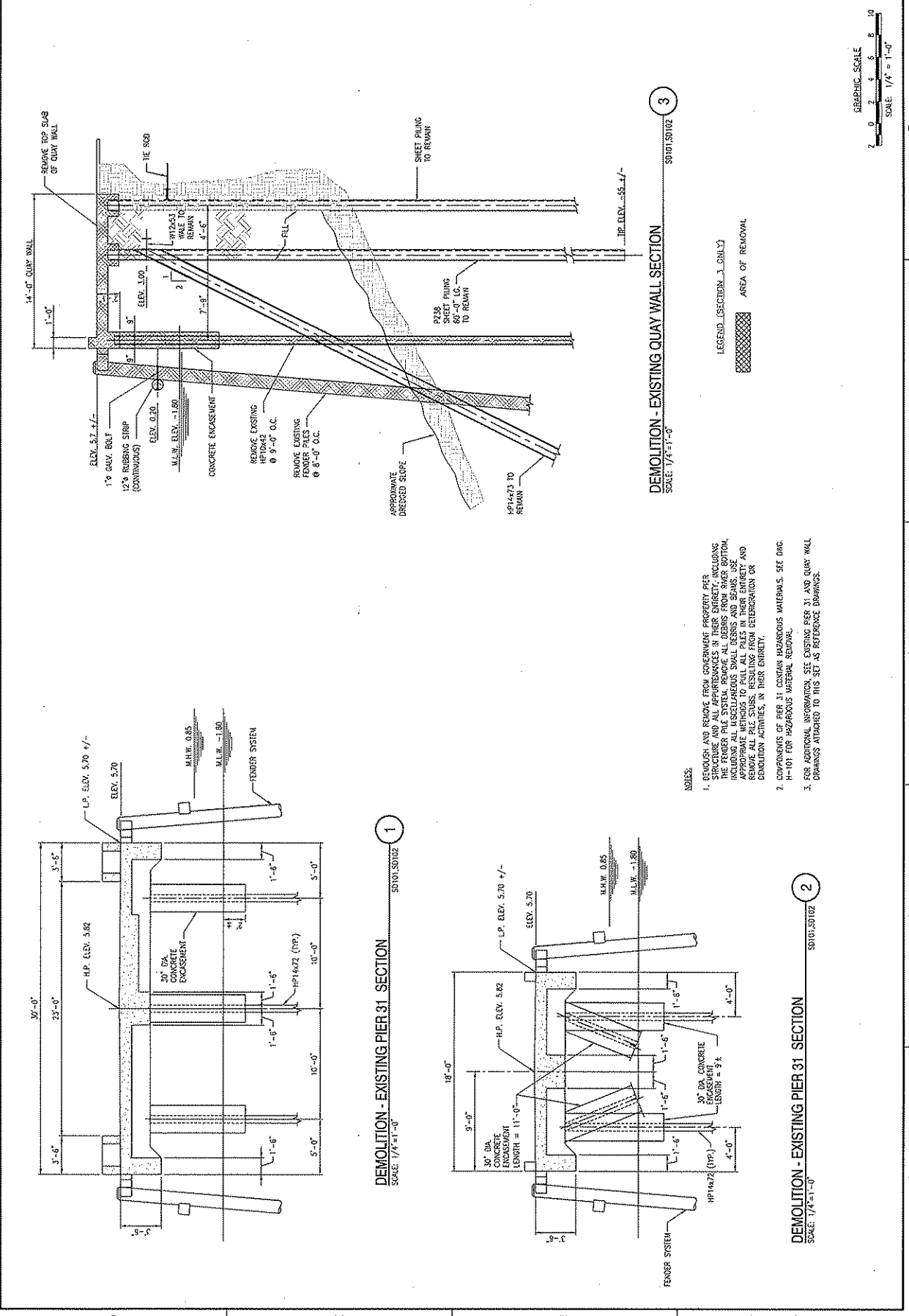
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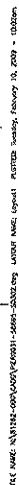


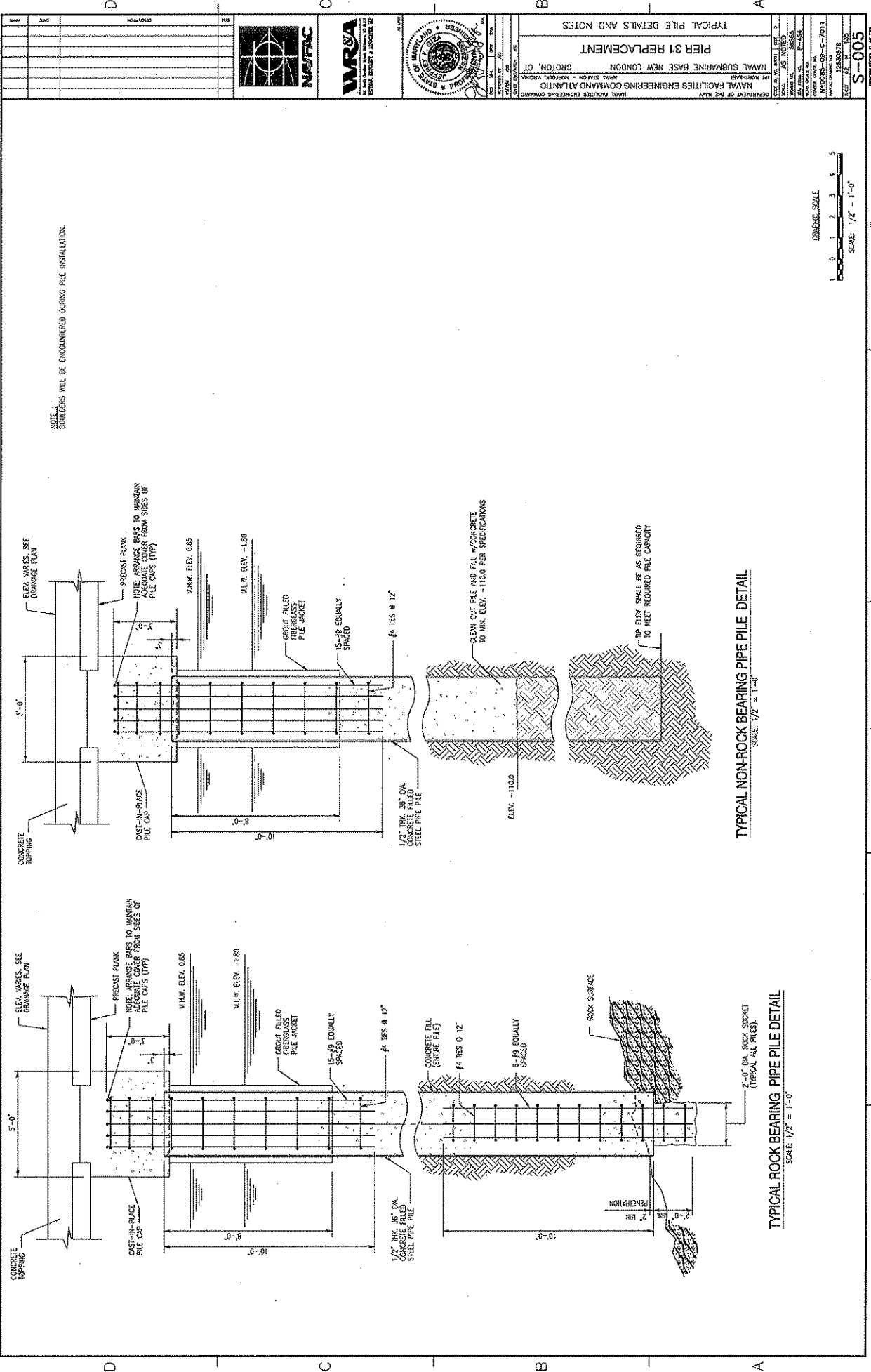












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TYPICAL PILE DETAILS AND NOTES  
 PIER 31 REPLACEMENT  
 NAVAL SUBMARINE BASE NEW LONDON  
 GROTON, CT  
 NAVAL FACILITIES ENGINEERING COMMAND  
 12350378  
 12350378

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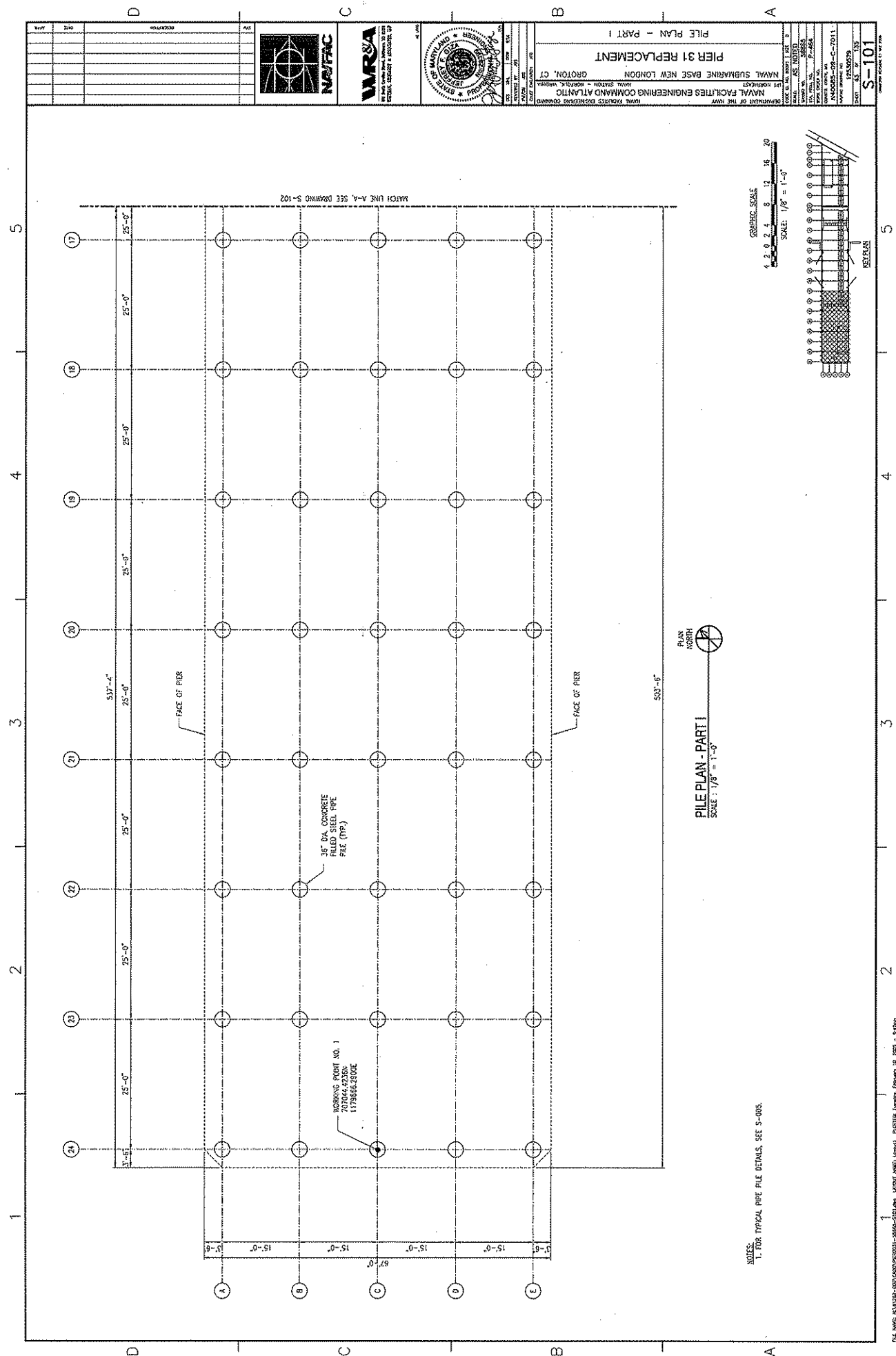
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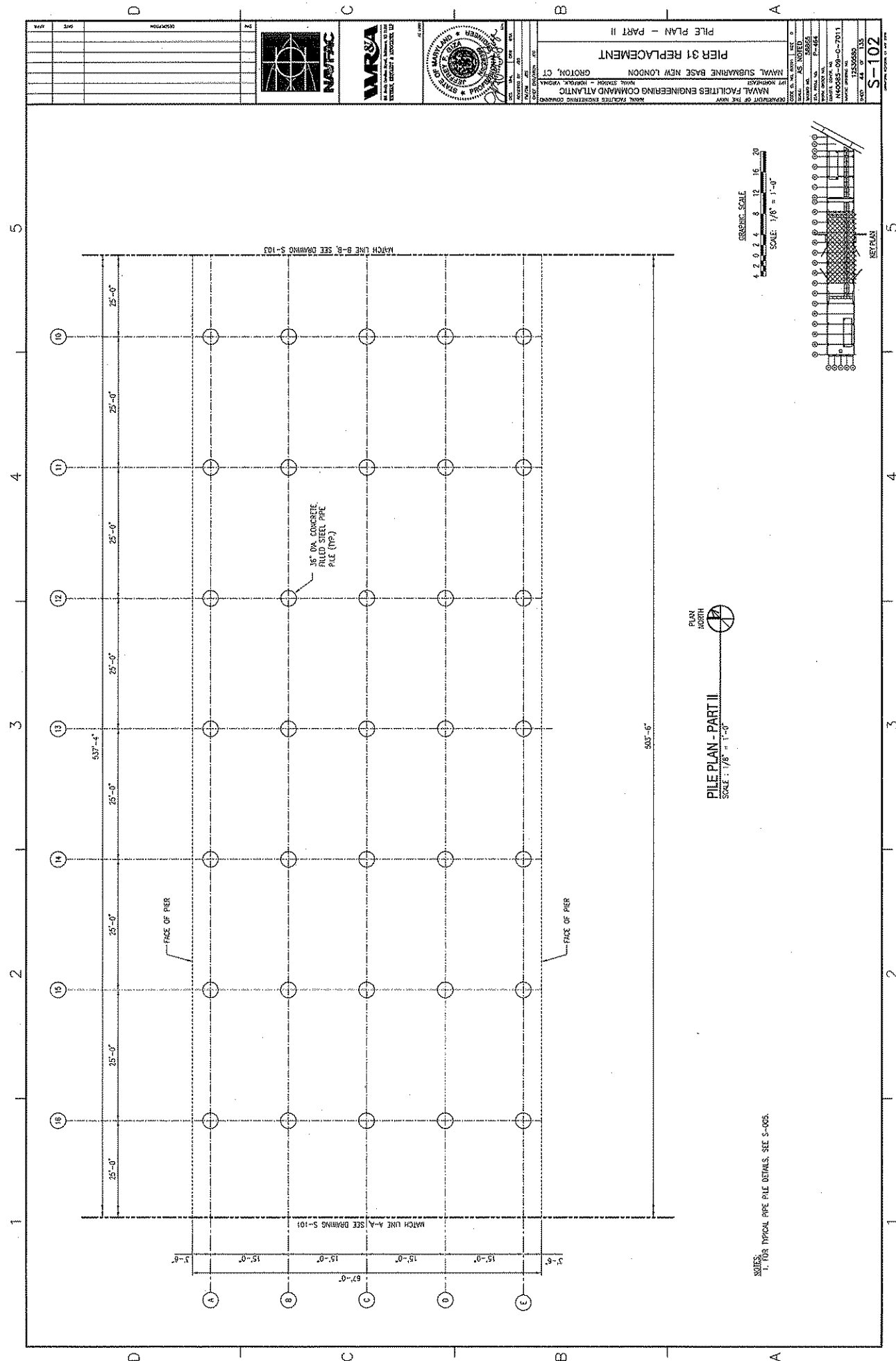
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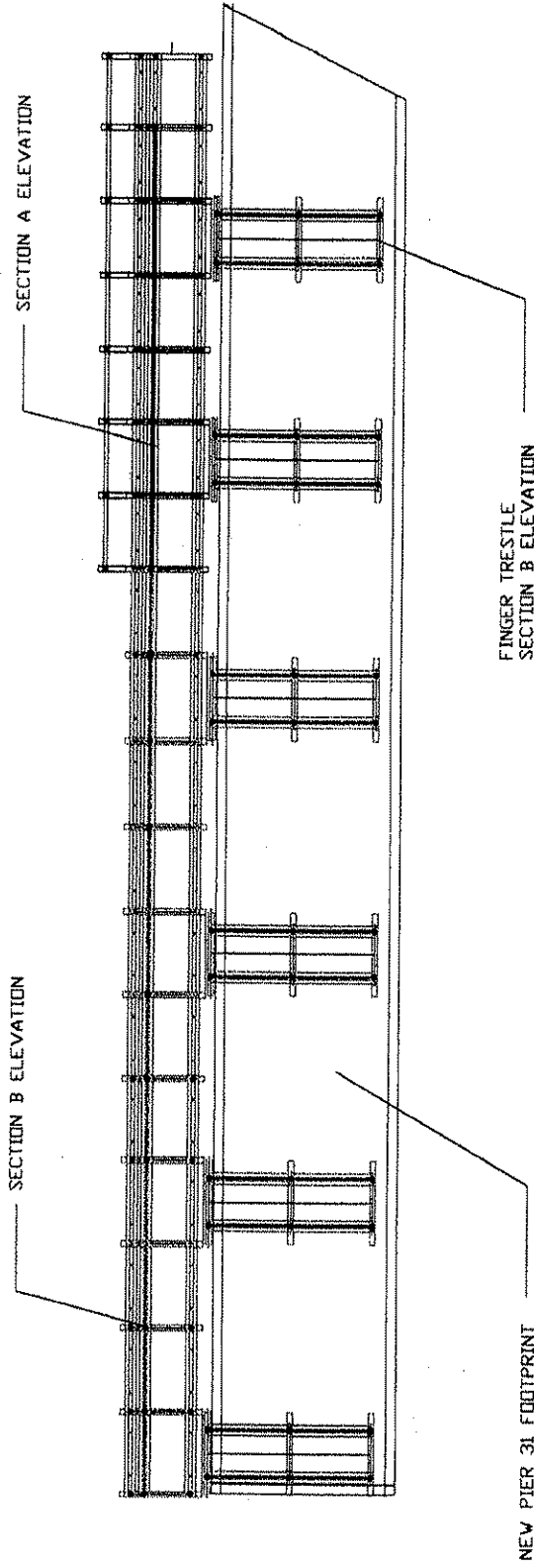
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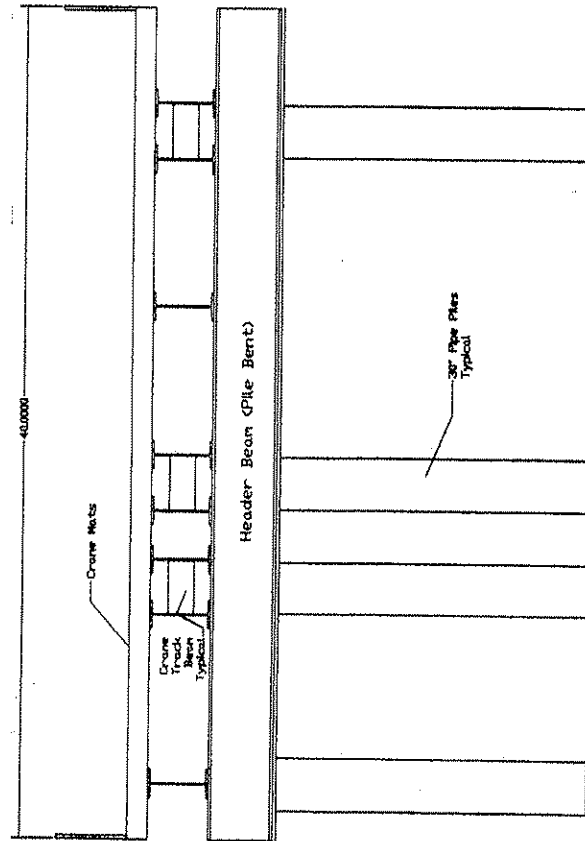


NAVAL SUBMARINE BASE NEW LONDON Pier 31 Replacement Groton, CT	
Trestle Layout For Pier 31 Construction	
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Designed By: RCM	In Charge: C. Keith, M. Wright
AB Job No.	Sheet No.
495610	1 of 1

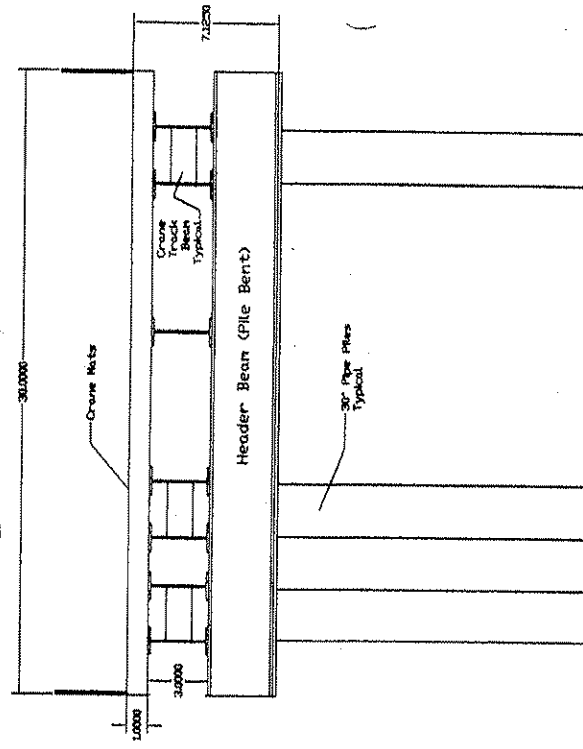
REVISIONS	
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Scale: -

# PIER 31 TRESTLE ELEVATION VIEW



SECTION A ELEVATION



SECTION B ELEVATION